## - **Function and operation**

## 1. Terms and function keys

- 1) Administrator information: refers to the fingerprint, password or IC card of the administrator.
- Unlocking information: refers to the input fingerprint, password or IC card information (including administrators and ordinary users).
- 3) "\*" key: It is the clear key/Back key/user number broadcast key. When entering the password, press the previous input to clear and press three times to clear the input.
- 4) "#" key: indicates the confirm key or the system voice replay key.
- 5) Administrator mode: press "\*" and "#" to enter the administrator menu mode.

## 2. Initial status

- 6) In the initial state, any fingerprint, IC card or password of 6 digits or more can be unlocked.
- After the administrator information is input, the fingerprint, IC card or password that is not input cannot be unlocked.

## 3. Access the door lock function setting

8) In the initial state, touch the digital area, light up the screen and voice broadcast "Please enter unlock information", press "\*" and "#" to broadcast "Please enter administrator information". After administrator verification (initial verification password 123456 or 000000), function management can be carried out. Voice broadcast:

Administrator Settings	press 1
User setting	press 2
System settings	press 3
Factory data reset	press 4
Search information	press 5

## 4. Administrator Settings

1) Aadd administrator



In the process of input, fingerprint is input 4 times, password is input 6-8 digits, IC card is input 1 times, after completion of input, press the "\*" key to return to the menu of the upper level or exit.

2) Delete administrator

Administrator Settings		Aadd administrator,		
press 1		press 1		
press 2		Delete		Deleting an administrator
System settings press 3	1	administrator, press	2	Please enter the number
Factory data reset		2		and press # to confirm
Search information		Networking Settings,		(e.g. 003#)
press o		press 3		

The administrator currently in the system cannot be deleted. After the operation is successful, press \* to return to the upper-level menu and continue to add or delete an administrator.

# 5. User setting

1) Aadd user				
Administrator Settings press 1 User setting press 2 System settings press 3 Factory data reset press 4 Search information press 5	2	Aadd user, press 1 Delete user, press 2	1	Add user Input fingerprint, password or IC card

In the process of input, fingerprint is input 4 times, password is input 6-8 digits, IC card is input 1 times, after completion of input, press the "\*" key to return to the menu of the upper level or exit.

2) Delete user



## 6. Networking Settings



### 7. System settings

1) Set the time



The time format is: 201912121212 or 1912121212, and press the # key to confirm.

#### 2) Unlocking mode



3) Voice Settings



#### 4) Change the lock number



#### 8. Factory data reset



Similarly, you can initialize the lock by long pressing the rear motherboard setting key for 6 seconds. After the initialization, the voice will play "Factory Settings restore operation successful".

#### 9. Search information



Press 2 Please enter the number and press # to confirm	#	12/12/19 at 12:12 am XXX entered the system	2/8	Press 2 to flip up Press 8 to flip
Press 3 Voice broadcast fingerprint XXX, password XXX, card XXX, margin XXX				

# $\Box$ 、Other instructions

1) If the unauthorized unlocking information is incorrectly entered for more than 5 times within 5 minutes, the system will automatically enter the invalid input state (lock state), and the invalid input state lasts for 90 seconds.

2) Password anti-prying function: enter the password as follows when opening the door: XXX password XXX; You can add some irrelevant codes before and after the password and press # to confirm. The password must be included in the input.

3) If no operation is performed for more than 10 seconds each time, the system will automatically exit.

4) When the voltage is lower than 4.6V, the lock will automatically alarm each time after unlocking, and the door lock can be unlocked 200 times after the alarm. After each unlocking delay of 5 seconds, the battery must be replaced before unlocking the number of times.

5) After the administrator opens the lock, press the \* key and voice broadcast the user number; Press 5# in turn to open normal mode.

## $\Xi$ , technical specification

No.	Item	Parameter	Remarks

1	quiescent current	≦50uA	
2	dynamic current	≦180mA	
3	Number of administrators	9 groups	
4	Number of fingerprints	110pcs	The specific parameters of the fingerprint head manufacturer prevail
5	Fingerprint + password + card capacity	300	
6	Fingerprint collecting instrument	semiconductor	
7	Fingerprint comparison time	≦1s	
8	Fingerprint recognition Angle	360	
9	Rejection rate	≦0.1%	
10	False recognition rate	≦0.0001%	
11	sensitive time	≦0.5S	
12	power types	6V	
13	emergency electrical power supply	5VDC	
14	operating temperature	-25℃~60℃	
15	Operating relative humidity	20%~90%RH	
16	Human language	yes	
17	keyboard	Touch standard 12-bit keyboard	
18	password length	8	
19	Virtual password	16	

20	Low voltage alarm voltage	4.6±0.2V	
21	Unlocking time	≦1S	

# "Tuya" APP Remote unlocking operation instructions

1. Download and install the application "Tuya Smart" on the mobile phone (as shown in the picture).



2. Open the "Tuya Smart" app and enter the "Registration" interface. Click "Mobile phone number/Email" to register the relevant mobile phone number or email number, or bind the relevant QQ account or wechat account for registration.



3. After registration, the main menu will be automatically switched to. Click "Manual Addition" at the top of the screen to enter the "Manual addition" interface. Click "Security Sensing" to slide to the category of "Smart Door Lock" and click "Door Lock (Wi-Fi)". The page automatically switches to the Select Wi-Fi interface. Select a WiFi hotspot of 2.4G or a WiFi hotspot without a password, and click "Next" when the connection is successful.



3-1. Operation Smart lock Press \* and # to enter the administrator interface, enter the administrator information to enter the administrator Settings, and select 3 Network Settings to select Smart Connection.

Administrator Settings press 1 User setting		Aadd administrator, press 1		
press 2 System settings press 3 Factory data reset press 4 Search information	1	Delete administrator, press 2	3	Hot spot connection, press 1 Smart connection, press 2
press 5		Networking Settings, press 3		

4. After the network connection is successful, the page will automatically jump to the "Reset Device" interface. When the smart door lock works normally, observe whether the digit "5" in the touch screen area of the smart door lock blinks. After the Tuya Smart application software is successfully connected to the smart door lock, the message "Add successfully" is displayed.



5. Tap to wake up the smart lock screen, press "9#" to unlock the request. After receiving the unlock request, the wechat control screen of the mobile phone will automatically pop up "Do you allow the remote door opening this time?, click "OK" to remotely unlock the lock when it is safe.

